

**TRANSMITTAL
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Total Number of Pages in This Submission
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14

Application Number

10/747,996

Filing Date

December 29, 2003

First Named Inventor

Yung-Ming Chen et al.

Group Art Unit

Unknown

Examiner Name

Unassigned

Attorney Docket No.

50623.328

ENCLOSURES (check all that apply)

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|--|---|--|
| <input checked="" type="checkbox"/> Deposit Account Authorization
07-1850

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<input type="checkbox"/> Petition for Extension of Time (month) (in duplicate)

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<input type="checkbox"/> Proprietary Information

<input type="checkbox"/> Submission of Formal Drawings (in duplicate)

<input checked="" type="checkbox"/> Other Enclosure(s)
(please identify below): <p style="margin-left: 20px;">48 Foreign Patent Documents
58 Non-Patent Documents
1 Unpublished Patent Application</p> |
| Remarks | | |

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm
or
Individual name

Squire, Sanders & Dempsey L.L.P.
Paul J. Meyer, Jr., Reg. No. 47,791

Signature

Date

May 4, 2004

CERTIFICATE OF MAILING

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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:

Examiner: Unassigned

Yung-Ming Chen et al.

Serial No. 10/747,996

Art Unit: Unknown

Filed: December 29, 2003

Title: A System and Method for Coating an Implantable Medical Device

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT
PURSUANT TO 37 C.F.R. §§1.97-1.98**

Dear Examiner:

In accordance with the duty of disclosure under 37 C.F.R. §1.56 and pursuant to 37 C.F.R. §§1.97-1.98, Applicants hereby notify the U.S. Patent and Trademark Office of the references listed on the attached Form PTO-1449. According to a Notice signed July 11, 2003, the U.S. Patent and Trademark Office has waived the requirement under 37 C.F.R. § 1.98(a)(2)(i) for all patent applications filed after June 30, 2003. *See*, 1276 Off. Gaz. Pat. Office 55. Since this patent application was filed after June 30, 2003, Applicants have not provided copies of the cited U.S. patents or the U.S. Patent Application Publications. Copies of the cited foreign patent documents, unpublished patent application and non-patent literature have been submitted herewith.

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicants reserve the right to dispute the listed documents as prior art during examination. Furthermore, Applicants do not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application. The submission of this Information Disclosure Statement is not to be construed as a representation that a search has been made or that no other material information may exist.

The Examiner is requested to initial the enclosed Form PTO-1449 and return a copy thereof to the undersigned.

The present Information Disclosure Statement is being filed before receiving the first Office Action. Therefore, no certification under 37 C.F.R. §1.97(e) or fee under 37 C.F.R. §1.17(p) is required. However, the Commissioner is authorized to charge any deficiencies or other amounts due to Deposit Account No. 07-1850.

Date: May 4, 2004

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Respectfully submitted,



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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of:

Examiner: Unassigned

Yung-Ming Chen et al.

Serial No. 10/747,996

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FORM PTO-1449 (Modified) Approved for use through 10/31/2002		US DEPARTMENT OF COMMERCE US Patent and Trademark Office	Docket No. 50623.328	Application No. 10/747,996
INFORMATION DISCLOSURE CITATION in an Application (Use several sheets if necessary)		Applicant	Yung-Ming Chen et al.	
		Filing Date December 29, 2003	Group Art Unit Unknown	

U.S. PATENT DOCUMENTS

Examiner Initial	Ref. No.	Document Number	Date of Patent	Name	Class	Subclass	Filing Date if Appropriate
	A1	4,329,383	5/11/82	Joh	428	36	
	A2	4,733,665	3/29/88	Palmaz	128	343	
	A3	4,800,882	1/31/89	Gianturco	128	343	
	A4	4,882,168	11/21/89	Casey et al.	424	468	
	A5	4,886,062	12/12/89	Wiktor	128	343	
	A6	4,941,870	7/17/90	Okada et al.	600	36	
	A7	4,977,901	12/18/90	Ofstead	128	772	
	A8	5,112,457	5/12/92	Marchant	204	165	
	A9	5,165,919	11/24/92	Sasaki et al.	424	488	
	A10	5,272,012	12/21/93	Opolski	428	423.1	
	A11	5,292,516	3/8/94	Viegas et al.	424	423	
	A12	5,298,260	3/29/94	Viegas et al.	424	486	
	A13	5,300,295	4/5/94	Viegas et al.	424	427	
	A14	5,306,501	4/26/94	Viegas et al.	424	423	
	A15	5,328,471	7/12/94	Slepian	604	101	
	A16	5,330,768	7/19/94	Park et al.	424	501	
	A17	5,380,299	1/10/95	Fearnott et al.	604	265	
	A18	5,417,981	5/23/95	Endo et al.	424	486	
	A19	5,447,724	9/5/95	Helmus et al.	424	426	
	A20	5,455,040	10/3/95	Marchant	424	426	
	A21	5,462,990	10/31/95	Hubbell et al.	525	54.1	
	A22	5,464,650	11/7/95	Berg et al.	427	2.30	
	A23	5,569,463	10/29/96	Helmus et al.	424	426	
	A24	5,578,073	11/26/96	Haimovich et al.	623	1	
	A25	5,605,696	2/25/97	Eury et al.	424	423	
	A26	5,609,629	3/11/97	Fearnott et al.	623	1	

	A27	5,624,411	4/29/97	Tuch	604	265	
	A28	5,628,730	5/13/97	Shapland et al.	604	21	
	A29	5,649,977	7/22/97	Campbell	623	1	
	A30	5,658,995	8/19/97	Kohn et al.	525	432	
	A31	5,667,767	9/16/97	Greff et al.	424	9.411	
	A32	5,670,558	9/23/97	Onishi et al.	523	112	
	A33	5,679,400	10/21/97	Tuch	427	2.14	
	A34	5,700,286	12/23/97	Tartaglia et al.	623	1	
	A35	5,702,754	12/30/97	Zhong	427	2.12	
	A36	5,716,981	2/10/98	Hunter et al.	514	449	
	A37	5,735,897	4/7/98	Buirge	623	12	
	A38	5,746,998	5/5/98	Torchilin et al.	424	9.4	
	A39	5,776,184	7/7/98	Tuch	623	1	
	A40	5,788,979	8/4/98	Alt et al.	424	426	
	A41	5,800,392	9/1/98	Racchini	604	96	
	A42	5,820,917	10/13/98	Tuch	427	2.1	
	A43	5,824,048	10/20/98	Tuch	623	1	
	A44	5,824,049	10/20/98	Ragheb et al.	623	1	
	A45	5,830,178	11/3/98	Jones et al.	604	49	
	A46	5,837,008	11/17/98	Berg et al.	623	1	
	A47	5,837,313	11/17/98	Ding et al.	427	2.21	
	A48	5,851,508	12/22/98	Greff et al.	424	9.411	
	A49	5,858,746	1/12/99	Hubbell et al.	435	177	
	A50	5,865,814	2/2/99	Tuch	604	265	
	A51	5,869,127	2/9/99	Zhong	427	2.12	
	A52	5,873,904	2/23/99	Ragheb et al.	623	1	
	A53	5,876,433	3/2/99	Lunn	623	1	
	A54	5,877,224	3/2/99	Brocchini et al.	514	772.2	
	A55	5,925,720	7/20/99	Kataoka et al.	525	523	
	A56	5,955,509	9/21/99	Webber et al.	514	772.7	
	A57	5,971,954	10/26/99	Conway et al.	604	96	
	A58	5,972,505	10/26/99	Phillips et al.	428	397	

A59	5,980,928	11/9/99	Terry	424	427	
A60	5,980,972	11/9/99	Ding	427	2.24	
A61	5,997,517	12/7/99	Whitbourne	604	265	
A62	6,010,530	1/4/00	Goicoechea	623	1	
A63	6,015,541	1/18/00	Greff et al.	424	1.25	
A64	6,033,582	3/7/00	Lee et al.	216	37	
A65	6,042,875	3/28/00	Ding et al.	427	2.24	
A66	6,051,648	4/18/00	Rhee et al.	525	54.1	
A67	6,051,576	4/18/00	Ashton et al.	514	255	
A68	6,056,993	5/2/00	Leidner et al.	427	2.25	
A69	6,060,451	5/9/00	DiMaio et al.	514	13	
A70	6,060,518	5/9/00	Kabanov et al.	514	781	
A71	6,080,488	6/27/00	Hostettler et al.	428	423.3	
A72	6,096,070	8/1/00	Ragheb et al.	623	1	
A73	6,099,562	8/8/00	Ding et al.	623	1.46	
A74	6,110,188	8/29/00	Narciso, Jr.	606	153	
A75	6,110,483	8/29/00	Whitbourne et al.	424	423	
A76	6,113,629	9/5/00	Ken	623	1.1	
A77	6,120,536	9/19/00	Ding et al.	623	1.43	
A78	6,120,904	9/19/00	Hostettler et al.	428	423.3	
A79	6,121,027	9/19/00	Clapper et al.	435	180	
A80	6,129,761	10/10/00	Hubbell	623	11	
A81	6,153,252	11/28/00	Hossainy et al.	427	2.3	
A82	6,165,212	12/26/00	Dereume et al.	623	1.13	
A83	6,203,551	3/20/01	Wu	606	108	
A84	6,231,600	5/15/01	Zhong	623	1.42	
A85	6,240,616	6/5/01	Yan	29	527.2	
A86	6,245,753	6/12/01	Byun et al.	514	56	
A87	6,251,136	6/26/01	Guruwaiya et al.	623	1.46	
A88	6,254,632	7/3/01	Wu et al.	623	1.15	
A89	6,258,121	7/10/01	Yang et al.	623	1.46	

A90	6,283,947	9/4/01	Mirzaee	604	264	
A91	6,283,949	9/4/01	Roorda	604	288.02	
A92	6,284,305	9/4/01	Ding et al.	427	2.28	
A93	6,287,628	9/11/01	Hossainy et al.	427	2.3	
A94	6,299,604	10/9/01	Ragheb et al.	604	265	
A95	6,306,176	10/23/01	Whitbourne	623	23.59	
A96	6,331,313	12/18/01	Wong et al.	424	427	
A97	6,335,029	1/1/02	Kamath et al.	424	423	
A98	6,346,110	2/12/02	Wu	606	108	
A99	6,358,556	3/19/02	Ding et al.	427	2.24	
A100	6,379,381	4/30/02	Hossainy et al.	623	1.42	
A101	6,395,326	5/28/02	Castro et al.	427	2.24	
A102	6,419,692	7/16/02	Yang et al.	623	1.15	
A103	6,451,373	9/17/02	Hossainy et al.	427	2.25	
A104	6,494,862	12/17/02	Ray et al.	604	96.01	
A105	6,503,556	1/7/03	Harish et al.	427	2.24	12/28/00
A106	6,503,954	1/7/03	Bhat et al.	514	772.2	7/21/00
A107	6,506,437	1/14/03	Harish et al.	427	2.25	10/17/00
A108	6,527,801	3/4/03	Dutta	623	1.46	4/13/00
A109	6,527,863	3/4/03	Pacetti et al.	118	500	6/29/01
A110	6,540,776	4/1/03	Sanders Millare et al.	623	1.15	12/28/00
A111	6,544,223	4/8/03	Kokish	604	103.01	1/5/01
A112	6,544,543	4/8/03	Mandrusov et al.	424	422	12/27/00
A113	6,544,582	4/8/03	Yoe	427	2.24	1/5/01
A114	6,555,157	4/29/03	Hossainy	427	2.24	7/25/00
A115	6,558,733	5/6/03	Hossainy et al.	427	2.24	10/26/00
A116	6,565,659	5/20/03	Pacetti et al.	118	500	6/28/01
A117	6,572,644	6/3/03	Moein	623	1.11	6/27/01
A118	6,585,765	7/1/03	Hossainy et al.	623	1.45	6/29/00

	A119	6,585,926	7/1/03	Mirzaee	264	400	8/31/00
	A120	6,605,154	8/12/03	Villareal	118	500	5/31/01
	A121	10/680,905		Pacetti et al.			10/7/03

U.S. PATENT APPLICATION PUBLICATION DOCUMENTS

Examiner Initial	Ref. No.	Document Number	Date of Publication	Name	Class	Subclass	Filing Date if Appropriate
	A122	2001/0018469	8/30/01	Chen et al.	523	121	
	A123	2001/0037145	11/1/01	Guruwaiya et al.	623	1.15	
	A124	2002/0077693	6/20/02	Barclay et al.	623	1.13	
	A125	2002/0091433	7/11/02	Ding et al.	623	1.2	
	A126	2002/0155212	10/24/02	Hossainy	427	2.25	
	A127	2003/0065377	4/3/03	Davila et al.	623	1.13	4/30/02
	A128	2003/0099712	5/29/03	Jayaraman	424	486	11/26/01

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Examiner Initial	Ref. No.	Document Number	Date of Publication	Country	Class	Subclass	Translation	
							Yes	No
	B1	EP 0 301 856	2/1/89	European				
	B2	EP 0 514 406	11/25/92	European				
	B3	EP 0 604 022	6/29/94	European				
	B4	EP 0 623 354	11/9/94	European				
	B5	EP 0 665 023	8/2/95	European				
	B6	EP 0 701 802	3/20/96	European				
	B7	EP 0 716 836	6/19/96	European				
	B8	EP 0 809 999	12/3/97	European				
	B9	EP 0 832 655	4/1/98	European				
	B10	EP 0 850 651	7/1/98	European				
	B11	EP 0 879 595	11/25/98	European				
	B12	EP 0 910 584	4/28/99	European				
	B13	EP 0 923 953	6/23/99	European				
	B14	EP 0 953 320	11/3/99	European				
	B15	EP 0 970 711	1/12/00	European				
	B16	EP 0 982 041	3/1/00	European				
	B17	EP 1 273 314	1/8/03	European				
	B18	2001-190687	7/17/01	Japan (Abstract)			X	

B19	WO 91/12846	9/5/91	PCT				
B20	WO 95/10989	4/27/95	PCT				
B21	WO 96/40174	12/19/96	PCT				
B22	WO 97/10011	3/20/97	PCT				
B23	WO 97/45105	12/4/97	PCT				
B24	WO 97/46590	12/11/97	PCT				
B25	WO 98/17331	4/30/98	PCT				
B26	WO 98/36784	8/27/98	PCT				
B27	WO 99/01118	1/14/99	PCT				
B28	WO 99/38546	8/5/99	PCT				
B29	WO 99/63981	12/16/99	PCT				
B30	WO 00/02599	1/20/00	PCT				
B31	WO 00/12147	3/9/00	PCT				
B32	WO 00/18446	4/6/00	PCT				
B33	WO 00/64506	11/2/00	PCT				
B34	WO 01/01890	1/11/01	PCT				
B35	WO 01/15751	3/8/01	PCT				
B36	WO 01/17577	3/15/01	PCT				
B37	WO 01/45763	6/28/01	PCT				
B38	WO 01/49338	7/12/01	PCT				
B39	WO 01/74414	10/11/01	PCT				
B40	WO 02/03890	1/17/02	PCT				
B41	WO 02/026162	4/4/02	PCT				
B42	WO 02/34311	5/2/02	PCT				
B43	WO 02/056790	7/25/02	PCT				
B44	WO 03/000308	1/3/03	PCT				
B45	WO 03/022323	3/20/03	PCT				
B46	WO 03/028780	4/10/03	PCT				
B47	WO 03/037223	5/8/03	PCT				
B48	WO 03/039612	5/15/03	PCT				
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)							
C1	Anonymous, <i>Cardiologists Draw - Up The Dream Stent</i> , Clinica 710:15 (June 17, 1996), http://www.dialogweb.com/cgi/document?req=1061848202959 , printed 8/25/03 (2 pages).						

	C2	Anonymous, <i>Heparin-coated stents cut complications by 30%</i> , Clinica 732:17 (Nov. 18, 1996), http://www.dialogweb.com/cgi/document?req=1061847871753 , printed 8/25/03 (2 pages).
	C3	Anonymous, <i>Rolling Therapeutic Agent Loading Device for Therapeutic Agent Delivery or Coated Stent</i> (Abstract 434009), Res. Disclos. pp. 974-975 (June 2000).
	C4	Anonymous, <i>Stenting continues to dominate cardiology</i> , Clinica 720:22 (Sept. 2, 1996), http://www.dialogweb.com/cgi/document?req=1061848017752 , printed 8/25/03 (2 pages).
	C5	Aoyagi et al., <i>Preparation of cross-linked aliphatic polyester and application to thermo-responsive material</i> , Journal of Controlled Release 32:87-96 (1994).
	C6	Barath et al., <i>Low Dose of Antitumor Agents Prevents Smooth Muscle Cell Proliferation After Endothelial Injury</i> , JACC 13(2): 252A (Abstract) (Feb. 1989).
	C7	Barbucci et al., <i>Coating of commercially available materials with a new heparinizable material</i> , J. Biomed. Mater. Res. 25:1259-1274 (Oct. 1991).
	C8	Capillary Action, http://www.ndt-ed.org/EducationResources/CommunityCollege/PenetrantTest/Introduction/Keywords/pt1.htm , 1 page, printed 08/13/03.
	C9	Capillary Force Lithography (CFL), Nano Precessing and Organic Devices Lab, 2 pages.
	C10	Capillary Rise of Liquid in Different Vanes Under Variable Residual Acceleration, http://www.zarm.uni-bremen.de/2forschung/grenzph/isoterm/cap_rise/kapsten.htm , 2 pages, printed 06/24/03.
	C11	Chen et al., <i>The Kinetics of Wicking of Liquid Droplets into Yarns</i> , submitted to the Textile Research Journal, pp. 1-30.
	C12	Coating Techniques, Air Knife Coating, http://www.ferron-magnetic.co.uk/coatings/airknife.htm , 1 page, printed 07/01/03.
	C13	Coating Techniques, Gravure Coating, http://www.ferron-magnetic.co.uk/coatings/gravure.htm , 2 pages, printed 07/01/03.
	C14	Coating Techniques, Reverse Roll Coating, http://www.ferron-magnetic.co.uk/coatings/revroll.htm , 2 pages, printed 07/01/03.
	C15	Coating Techniques, Gap Coating, http://www.ferron-magnetic.co.uk/coatings/knife.htm , 1 page, printed 07/01/03.
	C16	Chung et al., <i>Inner core segment design for drug delivery control of thermo-responsive polymeric micelles</i> , Journal of Controlled Release 65:93-103 (2000).
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